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PLAGUE-ERADICATIVE WORK.

CALIFORNIA.

The following report of plague-eradivative work in California for the week ended September 26, 1914, has been received from Surg. Long, of the United States Public Health Service, in charge of the work:

SAN FRANCISCO, CAL.		PORT COSTA, CAL.	
Number of premises inspected.....	1,733	Number of rats trapped in warehouses.....	13
Number of premises destroyed.....	11	Number of rats trapped on waterfront.....	6
Number of nuisances abated.....	189	Number of rats trapped in sugar refinery.....	46
Number of poisons placed.....	33,209	Number of rats examined.....	67
Average number of traps set daily.....	1,734	Amount of poison placed on Port Costa hills (pounds).....	8
RATS COLLECTED AND EXAMINED FOR PLAGUE.		RATS IDENTIFIED.	
Collected.....	464	Mus norvegicus.....	22
Found dead.....	3	Mus musculus.....	7
Examined.....	305	Mus alexandrinus.....	26
Found infected.....	None.	Mus rattus.....	22
RATS IDENTIFIED.			
Mus norvegicus.....	231		
Mus rattus.....	99		
Mus alexandrinus.....	82		
Mus musculus.....	52		

Record of plague infection.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	None.	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	None.	126 rats.
Berkeley.....	Aug. 28, 1907	None.	None.	None.
Los Angeles.....	Aug. 11, 1908	None.	Aug. 21, 1908	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).	Sept. 24, 1909	Oct. 17, 1909 ¹	Aug. 7, 1914	286 squirrels, 1 wood rat.
Contra Costa.....	May 17, 1914	None.	Aug. 25, 1914	1,563 squirrels.
Fresno.....	None.	None.	Oct. 27, 1911	1 squirrel.
Merced.....	None.	None.	July 12, 1911	5 squirrels.
Monterey.....	None.	None.	Apr. 10, 1914	6 squirrels.
San Benito.....	June 4, 1913	None.	July 3, 1914	35 squirrels.
San Joaquin.....	Sept. 18, 1911	None.	Aug. 25, 1911	18 squirrels.
San Luis Obispo.....	None.	None.	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	None.	July 23, 1913	25 squirrels.
Santa Cruz.....	None.	None.	May 17, 1910	3 squirrels.
Stanislaus.....	None.	None.	June 2, 1911	13 squirrels.

¹ Wood rat.

Squirrels collected and examined for plague.

County.	Shot.	Examined.	Found infected.
Alameda.....	33	33	None.
Contra Costa.....	342	342	None.
San Benito.....	107	107	None.
Total.....	482	482	None.

Other animals collected and examined for plague.

San Benito Count	1 rabbit.
Found infected.....	None.

Ranches inspected and hunted over.

Alameda County.....	8
Contra Costa County.....	49
San Benito County.....	21
Total.....	78

Operations on water front.

Number of vessels inspected for rat guards.....	30
Number of reinspections made on vessels.....	19
Number of new rat guards procured.....	16
Number of defective rat guards repaired.....	9
Number of vessels on which cargo was inspected.....	

	Con- dition.	Rat evidence.
Steamer <i>Wilhelmina</i> , from Hilo:		
154 cases apples.....	O. K.....	None.
100 sacks rice.....	O. K.....	None.
8 bales empty sacks.....	O. K.....	None.
Steamers <i>President</i> , <i>Admiral Farragut</i> , <i>Queen</i> , and <i>Admiral Dewey</i> , from Seattle:		
50 rolls paper.....	O. K.....	None.
875 sacks flour, grain, oats, and wheat.....	O. K.....	None.
325 cases apples, tea, and canned milk.....	O. K.....	None.
27 crates household tools.....	O. K.....	None.
50 packages paper.....	O. K.....	None.

Rats trapped on wharves and water front..	17	Amount of bread used in poisoning water	
Rats trapped on vessels.....	16	front (loaves).....	42
Traps set on wharves and water front.....	190	Bait used on water front and vessels, bacon	
Traps set on vessels.....	138	(pounds).....	6
Vessels trapped on.....	15	Pounds of poison used on water front.....	21
Poisons placed on water front (pieces).....	12,690		

Operations are being carried on under Federal supervision on the following-named properties, labor and material being furnished by owners:

Names.	Location.	Acres treated.
Poisoned grain:		
Moraga Co.....	Contra Costa County.....	2,077.93
Hooper Co.....	do.....	2,019
Peoples Water Co.....	do.....	2,600
Costa Dairy.....	do.....	325
L. Ramsdell Ranch.....	Merced County.....	160
G. A. Cressey Ranch.....	do.....	720
Destructors:		Miles.
Southern Pacific Co.....	do.....	5½

Inspected in Merced County, miles.....	5½
Holes treated.....	1,933

The work is being carried on in the following-named counties: Alameda, Contra Costa, San Francisco, San Joaquin, Monterey, Merced, Stanislaus, San Benito, and Santa Cruz.

LOUISIANA—NEW ORLEANS.

The following report of plague-eradivative work in New Orleans for the week ended October 3, 1914, has been received from Asst. Surg. Gen. Rucker, of the United States Public Health Service, in charge of the work:

OUTGOING QUARANTINE.		DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED WEEK ENDED OCTOBER 3—continued.	
Number of vessels fumigated with sulphur.	67	Minnesota.....	69
Number of vessels fumigated with carbon monoxide.....	14	Mississippi.....	523
Pounds of sulphur burned.....	7,176	Missouri.....	69
Coke consumed in carbon monoxide fumigation (pounds).....	106,400	Nebraska.....	2
Outgoing freight inspected (tons).....	5,205	New York.....	9
Total packages freight inspected.....	83,914	Ohio.....	59
Clean bills of health issued.....	28	Oklahoma.....	5
Foul bills of health issued.....	5	Pennsylvania.....	12
		Rhode Island.....	3
		Tennessee.....	101
		Texas.....	213
		Utah.....	2
		Virginia.....	6
		West Virginia.....	2
		Wisconsin.....	17
OVERLAND FREIGHT INSPECTION.		FIELD OPERATIONS.	
Cars inspected and passed.....	1,609	Number of rats trapped.....	8,616
Cars rat proofed.....	1,951	Premises fumigated.....	47
Cars condemned.....	18	Premises disinfected.....	424
Total cars inspected.....	3,578	Premises inspected.....	9,059
		Poisons placed.....	270,259
		Notices served.....	3,259
		Buildings rat proofed during week ended Oct. 3.....	126
		Buildings rat-proofed to date.....	1,426
		Number of abatements week ended Oct. 3.....	1,197
		Number of abatements to date.....	8,753
		Number of dead inspected.....	125
DESTINATION AND NUMBER OF RAILROAD CARS INSPECTED WEEK ENDED OCTOBER 3.		LABORATORY OPERATIONS.	
Alabama.....	115	Rats examined.....	5,840
Arizona.....	1	Mus norvegicus.....	5,191
Arkansas.....	29	Mus alexandrinus.....	188
California.....	21	Mus rattus.....	107
Canada.....	11	Mus musculus.....	2,876
Carolina, North.....	17	Unclassified, putrid.....	187
Carolina, South.....	14	Total rodents received at laboratory.....	8,549
Colorado.....	6	Number of suspicious rats.....	30
Connecticut.....	6	Plague rats confirmed.....	15
Cuba.....	1		
Delaware.....	1		
Florida.....	49		
Georgia.....	61		
Illinois.....	532		
Indiana.....	32		
Iowa.....	17		
Kansas.....	11		
Kentucky.....	30		
Louisiana.....	1,303		
Maryland.....	5		
Massachusetts.....	8		
Michigan.....	14		

Plague rats.

Case No.	Address.	Captured.	Diagnosis confirmed.	Treatment of premises.
1163-170	1013 Magazine Street.....	Sept. 27	Sept. 27	Summary destruction of rat harborage; disinfection; rat proofing initiated.
171	832 Frenchmen Street.....	do.....	do.....	Summary destruction of rat harborage; rat proofing initiated; intensive trapping and poisoning.
172	1459 Bourbon Street.....	do.....	do.....	Summary destruction of rat harborage; disinfection; rat proofing initiated.
173	1233 St. Ann Street.....	Sept. 28	Sept. 30	Do.
174	1611 Prytania Street.....	Sept. 30	do.....	Fumigation; summary destruction of rat harborage; rat proofing initiated; intensive trapping and poisoning.
175	Girod Street Wharf.....	do.....	do.....	Intensive trapping and poisoning.
176	162 South Rampart Street; found dead.	do.....	do.....	Totally demolished.
177	163 Dryades Street; found dead....	do.....	do.....	Disinfection; rat proofing initiated.

1 Inclusive.

Human plague cases.

Suspicious human cases examined.....	1
Number of human plague cases.....	1
Necropsies.....	2
Total number of human cases to date.....	29

Case No.	Name and place of infection.	Date suspicious.	Diagnosis confirmed.	Treatment of premises.
29	J. J. K.....	Sept. 30	Oct. 3	Fumigation; summary destruction of rat harborage; intensive trapping and poisoning.

Total rodents captured to October 3..... 106,312

Total rodents examined to October 3..... 87,045

Rodent cases to October 3 by species:

Mus rattus.....	6
Mus alexandrinus.....	3
Mus norvegicus.....	168

Total rodent cases to October 3..... 177

HAWAII.

The following reports of plague-eradication work in Hawaii were received from Surg. Trotter, of the United States Public Health Service:

Honolulu.

WEEK ENDED SEPT. 19, 1914.

Total rats and mongoose taken.....	443	Classification of rats killed by sulphur dioxide:	
Rats trapped.....	364	Mus alexandrinus.....	50
Mongoose trapped.....	11	Mus musculus.....	3
Rats found dead (Mus norvegicus).....	1	Mus rattus.....	14
Rats killed by sulphur dioxide.....	67	Average number of traps set daily.....	1,085
Examined microscopically.....	360	Cost per rat destroyed.....	\$0.23
Under examination.....	0	Last case rat plague, Aiea, 9 miles from Honolulu	
Showing plague infection.....	0	Apr. 12, 1910.	
Classification of rats trapped:		Last case human plague, Honolulu, July 12, 1910.	
Mus alexandrinus.....	17	Last case rat plague, Kalopa stable, Paauhau,	
Mus musculus.....	106	Hawaii, Aug. 29, 1914.	
Mus norvegicus.....	66	Last case human plague, Paauhau Landing,	
Mus rattus.....	15	Hawaii, Aug. 17, 1914.	

Hilo.

WEEK ENDED SEPT. 12, 1914.

Number of rats and mongoose taken.....	1,957	Number of rats and mongoose plague infected.....	0
Number of rats trapped.....	1,913	Classification of rats trapped and found dead:	
Number of rats found dead.....	4	Mus norvegicus.....	365
Number of mongoose taken.....	40	Mus alexandrinus.....	313
Number of rats and mongoose examined macroscopically.....	1,957	Mus rattus.....	631
Number of rats and mongoose examined microscopically.....	0	Mus musculus.....	608
Number of rats and mongoose examined bacteriologically.....	0	Last case of rat plague, Paauhau Sugar Co.,	
		Aug. 29, 1914.	
		Last case of human plague, Paauhau Sugar	
		Co., Aug. 16, 1914.	